



Interoffice Memo
Office of Design Policy & Support

DATE: 6/2/2020

FILE: P.I.# 0013811
Hart County / GDOT District 1 - Gainesville
Bridge Replacement -SR 77 Spur @ Little Coldwater Creek
6.5 miles SE of Hartwell

FROM: *for* *Dane Peters*
R. Christopher Rudd, PE, State Design Policy Engineer

TO: SEE DISTRIBUTION

SUBJECT: APPROVED LOCATION & DESIGN REPORT


Attached is the approved Location and Design Report with Notice of Location & Design Approval for the above subject project.

Attachment

Distribution:

Hiral Patel, Director of Engineering
Joe Carpenter, Director of P3
Albert Shelby, Director of Program Delivery
Darryl VanMeter, Assistant Director of P3/State Innovative Delivery Administrator
Kim Nesbitt, Program Delivery Administrator
Bobby Hilliard, Program Control Administrator
Radney Simpson, Assistant State Transportation Planning Administrator
Eric Duff, State Environmental Administrator
Bill DuVall, State Bridge Engineer
Andrew Heath, State Traffic Engineer
Angela Robinson, Financial Management Administrator
Erik Rohde, State Project Review Engineer
Benny Walden, Statewide Location Bureau Chief
Kelvin Mullins, District Engineer
SueAnne Decker, District Preconstruction Engineer
Kim Coley, District Planning & Programming Coordinator
Phillip Shane Jones, Area Manager - D1, A3
Scott Mann, Project Manager
BOARD MEMBER - 9th Congressional District

FILE: P.I. 0013811, Hart County
SR 77 Spur @ Little Coldwater Creek 6.5 MI SE of Hartwell

DATE: May 5, 2020 
for

FROM: Kimberly W. Nesbitt, State Program Delivery Administrator

TO: Office of Design Policy and Support via ConceptReports@dot.ga.gov

SUBJECT: Submittal – Location and Design (L&D) Report

The Office of Program Delivery hereby submits the attached Location and Design (L&D) Report for your review and approval.

If any additional information is needed, please contact Scott Mann at (404) 931-1304.

KWN:CLB:SHP:DDC:SFM


Attachments: Completed Location & Design approval request & Preconstruction Status Report



Location and Design Report

DATE: 5/5/2020

FILE: P.I.# 0013811
Hart County / GDOT District 1 - Gainesville
SR 77 SPUR @ LITTLE COLDWATER CREEK 6.5 MI SE OF HARTWELL

FROM:  for
Kimberly W. Nesbitt, State Program Delivery Administrator

TO: Brent A. Story, State Design Policy Engineer
Attn: Dave Peters, State Conceptual Design Group Manager

SUBJECT: Request for Location and Design Approval

Description and Project Proposal: Project P.I. 0013811 would begin along the existing alignment on SR 77 Spur/Cokesbury Highway north of Coldwater Creek Road and extend to Flat Rock Road. Once reaching Little Coldwater Creek, a new bridge would be constructed along the existing alignment that will replace the existing bridge. Overall, this project is located 6.5 miles southeast of Hartwell in Hart County. The proposed typical section for the alignment would consist of a 2-lane rural roadway, 12-ft. travel lanes with 10-ft. shoulders (4-ft. paved) on each side. The proposed bridge is 190-ft. and would consist of a 2-lane section with 12-ft. travel lanes and contain 6-ft. shoulders. The total length of this project would be 0.2-miles. The right-of-way is anticipated to vary from 60-ft to 100-ft. Traffic will be maintained on an off-site detour for approximate 6 months during construction of the project.

Concept Approval Date: February 21, 2018

Concept Update: The typical section full depth paved shoulder varies from 4-ft. to 6-ft. at the bridge approaches per GDOT Std 9031T.

Environmental Document:

Document Type: NEPA - Categorical Exclusion Approval Date: 4/15/2020

Public Involvement:

- Public Detour Open House Results summary:
 - A Public Detour Open House meeting was held at Hartwell City Hall, 456 East Howell Street, Hartwell, Georgia 30643 on March 29, 2018.
 - No comments were received at the meeting.
 - Total of 5 attended the meeting including David Aldrich, City Manager of Hartwell.

Consistency with Approved Planning: The design description as presented herein and submitted for approval is consistent with the approved Concept Report.

County: Hart

Recommendations: Recommend that the location and design for the project be approved and that the attached Notice be approved for advertising.

Concur:



GDOT Director of Engineering

Approve:

For

GDOT Chief Engineer

5-28-2020

Date

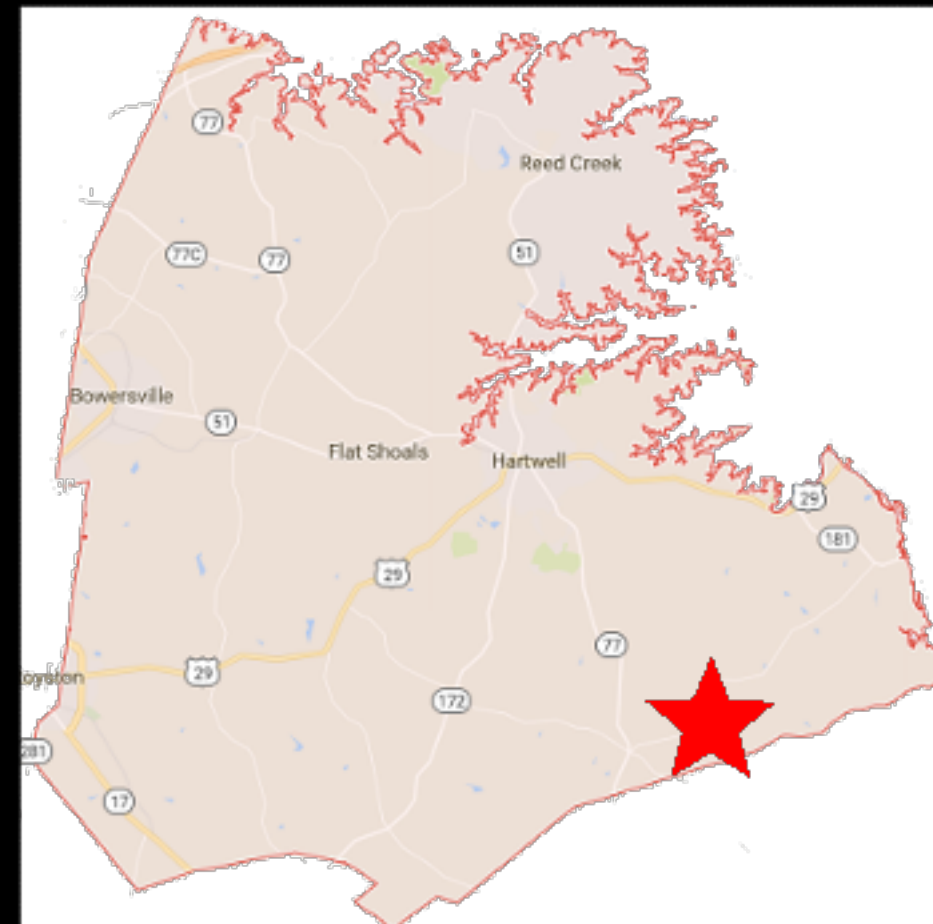
DATE OF LOCATION AND DESIGN APPROVAL:

June 2, 2020 DRP

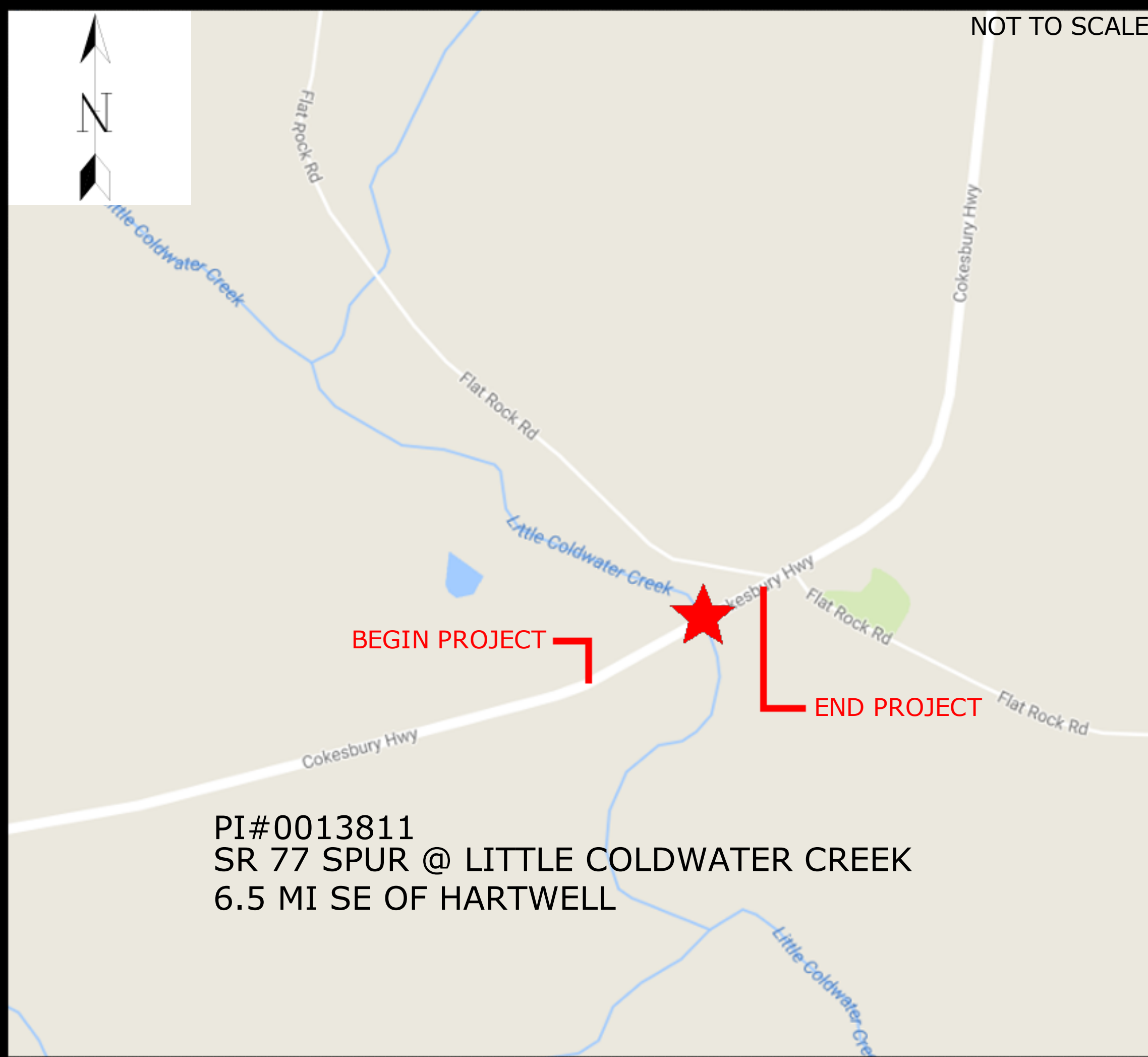
(To be entered by State Conceptual Design
Group Manager)

Attachments:

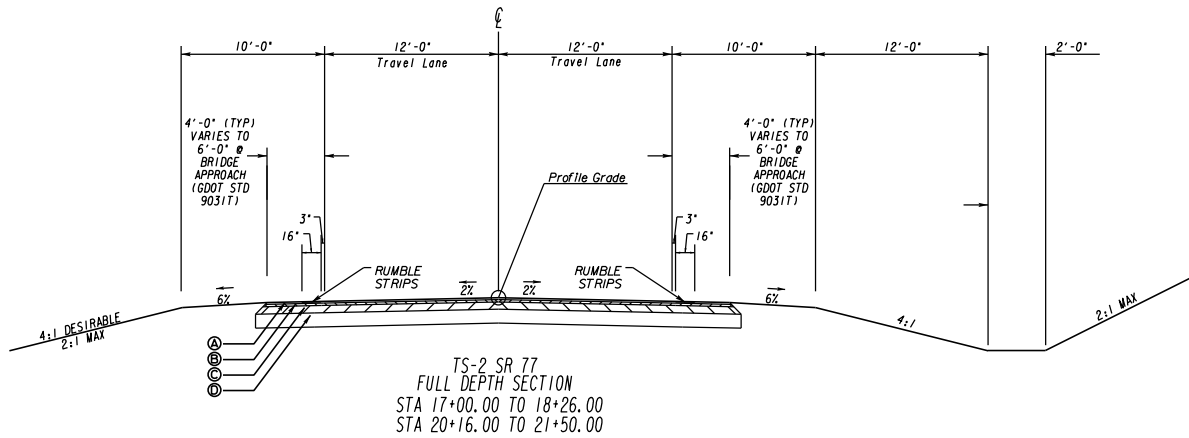
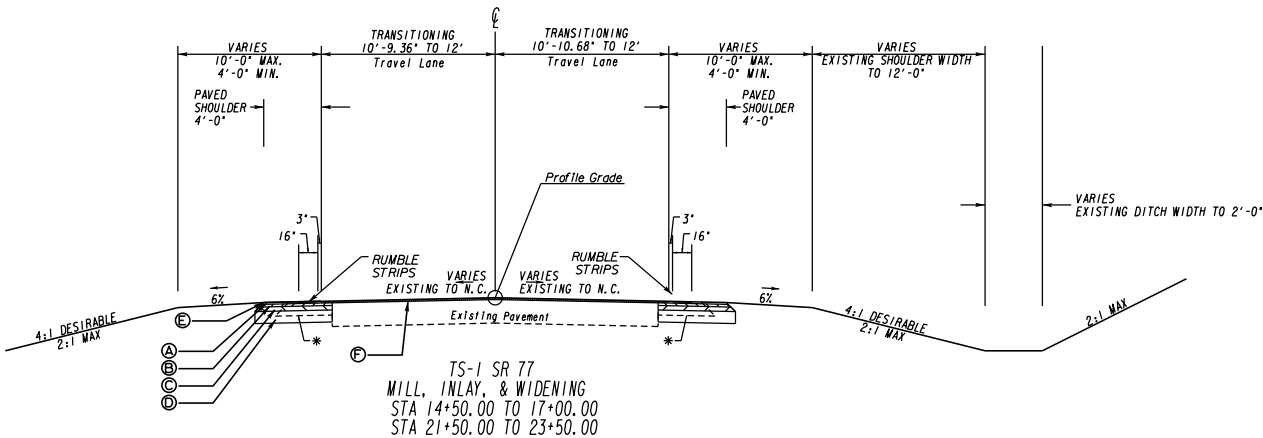
- Project Location Sketch Map
- Notice of Location and Design Approval
- Typical Section
- Detour Support Documents from the Local Government



HART COUNTY

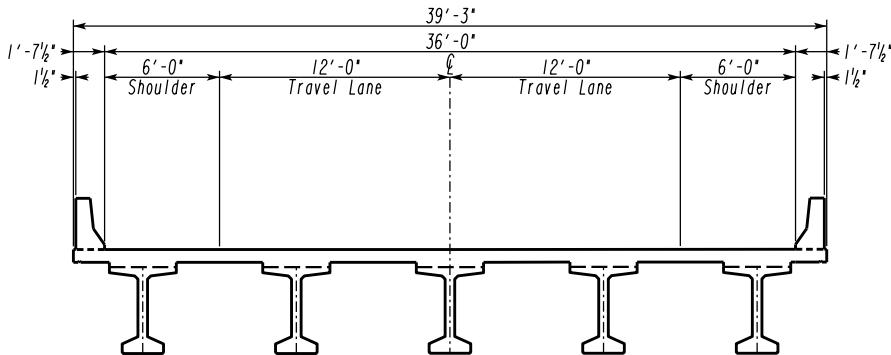


PI#0013811
SR 77 SPUR @ LITTLE COLDWATER CREEK
6.5 MI SE OF HARTWELL



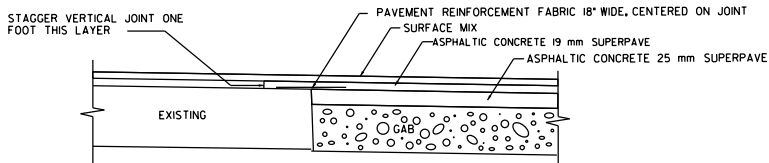
- ① RECYCLED ASPH CONC 9.5 MM SUPERPAVE, TYPE 11, GP 2 ONLY, INCL BITUM MATL & H LIME - (135 LB/SY)
② RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME - (220 LB/SY)
③ RECYCLE ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME - (440 LB/SY)
④ GRADED AGGREGATE BASE COURSE, 12 INCH, INCL MATL
⑤ PAVEMENT EDGE TREATMENT, SEE GDOT STD. DETAIL P-7 FOR DETAILS AND METHO OF QUANTITY CALCULATIONS
⑥ MILL ASPH CONC PVMT, VARB DEPTH & INLAY
⑦ RECYCLED ASPH CONC 9.5 MM SUPERPAVE, TYPE 11, GP 2 ONLY, INCL BITUM MATL & H LIME - (135 LB/ SY)
⑧ RECYL AC LEVELING, INC BW&HL

* NOTE: EXISTING SHOULDERS ARE TO BE REMOVED TO PROPOSED EDGE OF TRAVEL

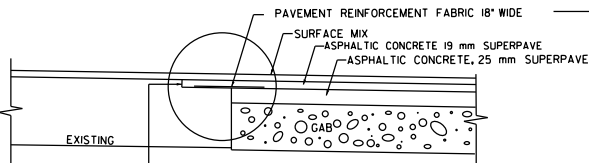


BRIDGE TYPICAL SECTION
STA 18+26.00 TO 20+16.00

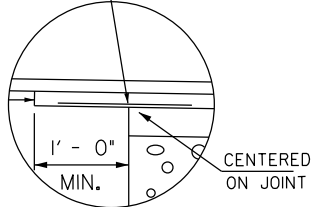
TYPICAL SECTION DETAIL TO BE USED WHEN
EXISTING PAVEMENT IS TO BE RESURFACED WITH
TWO INCHES OR MORE OF ASPHALTIC CONCRETE



TYPICAL SECTION DETAIL TO BE USED WHEN
EXISTING PAVEMENT IS TO BE RESURFACED WITH
LESS THAN TWO INCHES OF ASPHALTIC CONCRETE



MILL EXISTING LANE ONE FOOT WIDE
TO DEPTH OF ADJOINING LAYER TO
BE PLACED. COST OF MILLING FOR THIS WORK
TO BE INCLUDED IN THE UNIT PRICE BID FOR
PAVEMENT REINFORCING FABRIC.



PLANS PREPARED AND SUBMITTED BY:

AEI

65 Aberdeen Drive
Glasgow, KY 42404
(270) 651-7220

2500 Nelson Miller Parkway
Louisville, KY 40223
(502) 245-3813

AMERICAN ENGINEERS, INC.

www.aei.cc

Branch Office

1650 Roberts Boulevard, Suite 109
Kennesaw, GA 30144
(770) 421-8422

DESIGN CONSULTANT

PROFESSIONAL ENGINEERING

NOT TO SCALE

REVISION DATES

TYPICAL SECTIONS

SR 77 @ LITTLE COLDWATER CREEK

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

05-0001

PI 0013811, Hart County
Georgia Department of Transportation
Bridge Replacement Project
Detour Impact Form for County Administrator

Using the attached project map, please respond to the questions below. Please provide as much information as you feel is necessary. Please respond to all questions – use “N/A” or “Unknown” if no relevant information to question is available. If you need additional information or mapping for this project, please contact us.

1. Please quantify the number of impacts anticipated by an off-site detour.

Daily Number of vehicles Unknown

Daily Number of Trucks Unknown

Number of Residences 10

Number of Businesses 2

Detour Length 3.8 mi

2. Please rate the impact on service if the bridge were closed for up to a year?

☐ No Concerns

☒ Moderate Concerns

☐ Major Concerns

3. If concerns were identified, please specify what they are below, be as specific as possible (Conditions of detour route, location of students, new development expected, weight restrictions, etc.)

Detour Route would be better to stay on Nancy
Hart School Road until it intersects E 77 spur
Be cause of narrowness of Flat Rock Rd

4. Are there any future time periods or events that you know of where bridge closure would be of particular concern? Please note the event and any details you are familiar with.

no

5. Is there anyone you feel we should contact specifically regarding this project? Please note their name, phone number, and reason we should contact them?

no

6. Are there any additional comments you have regarding the project? Are the road names referenced the names the locals would use?

Do not use Flat Rock Rd. as Detour use Nancy
Hart Sch. Rd

Form Completed by (Name):

(Title):

Date:

TERRILL PARKIN
Co. Administrator
10/4/17

- Name: Jeff Garner
 - Date: 10/03/2017
 - Title: Transportation Director
 - County: Hart
-

- PI or Structure Number (from letter): 0013811

Q1

How many School Buses crossings over this bridge are there per day?

Number of Trips: 2
Number of Busses: 1

Q2

Please rate the impact on service if the bridge were closed for up to a year?

No Concerns

Q3

If concerns were identified, please specify what they are below, be as specific as possible (Conditions of detour route, location of students, new development expected, weight restrictions, etc.)

Respondent skipped this question

Q4

Are there any future time periods or events that you know of where bridge closure would be of particular concern? Please note the event and any details you are familiar with.

Respondent skipped this question

Q5

Is there anyone you feel we should contact specifically regarding this project? Please note their name, phone number, and reason we should contact them?

Respondent skipped this question

Q6

Are there any additional comments you have regarding the project? Are the road names referenced the names the locals would use?

yes

- Name: Terrell Partain
 - Date: 10/2/2017
 - Title: Co. Administrator / EMA Director
 - County: Hart
-

- PI: 0013812, 0013747, and 0013811

Q1

Please rate the impact to Emergency Response services if the bridge were closed for up to a year.

Moderate Impact

Q2

If there are concerns please specify. Be as specific as possible. (examples: condition of detour routes, located in a high call volume area, closure could affect response to schools, weight restrictions, expected new development in the area, coordination with partner agency required to facilitate service)

None

Q3

Are there any future time periods or events that you know of where bridge closure would be of particular concern? Please note the event and any details you are familiar with.

NO

Q4

Is there anyone you feel we should contact specifically regarding this project? Please note their name, contact information, and reason we should contact them?

NO

Q5

Are there any additional comments you have for this project? Are the road names referenced the names the locals would use?

NO

NOTICE OF LOCATION AND DESIGN APPROVAL
SR 77 SPUR @ LITTLE COLDWATER CREEK
6.5 MI SE OF HARTWELL
P. I. 0013811
HART COUNTY

Notice is hereby given in compliance with Georgia Code 22-2-109 and 32-3-5 that the Georgia Department of Transportation has approved the Location and Design of this project.

The date of location and design approval is: June 2, 2020

The project is to replace the existing bridge on SR 77 Spur over Little Coldwater Creek and includes roadway reconstruction on the approaches east and west of the bridge. The project is located approximately 6.5-miles southeast of Hartwell in Hart County and entirely within Georgia Militia District (GMD) 1113.

The proposed typical section for the roadway approaches consist of a 2-lane rural roadway, 12-ft. travel lanes with 10-ft. shoulders (4-ft. paved) on each side. The proposed bridge is 190-ft. long and would consist of a 2-lane section with 12-ft. travel lanes and 6-ft. shoulders. The total length of this project would be approximately 0.2-miles. Traffic will be maintained on an off-site detour for approximately 12-months during construction of the project.

Note: Ordinarily maps or plats are available for public review at our area office. Due to current COVID-19 measures, members of the public may not be able to enter state buildings at this time. We apologize for the inconvenience. Anyone with questions or concerns about the project should call or email the area engineer listed below. To obtain copies of the drawings, maps or plats, please follow the instructions outlined below.

Drawings or maps or plats of the proposed project, as approved, are on file and are available for public inspection at the Georgia Department of Transportation:

Philip Shane Jones
D1, A3
301 Conger Road
Carnesville, GA 30521
706-384-7269
phjones@dot.ga.gov

Any interested party may obtain a copy of the drawings or maps or plats or portions thereof by paying a nominal fee and requesting in writing to:

Kimberly W. Nesbitt
Office of Program Delivery
Attn: Scott Mann
smann@dot.ga.gov
Georgia Department of Transportation
Office of Program Delivery, Bridge PMC
600 West Peachtree Street, 25th Floor
Atlanta, GA 30308
404-931-1304

Any written request or communication in reference to this project or notice SHOULD include the Project and P. I. Numbers as noted at the top of this notice.